

WHAT IS CLAIMED IS:

1. A method for forming a colorant-receiving layer of an inkjet recording sheet, the method comprising the steps of:

preparing a coating liquid that includes a vapor-phase-process silica, a polyvinyl alcohol, and at least one of a compound represented by the following general formula (1) and a compound represented by the following general formula (2):



in which formulae (1) and (2), R represents a saturated hydrocarbon group having from 1 to 12 carbon atoms, an unsaturated hydrocarbon group having from 1 to 12 carbon atoms, a phenyl group, or an acyl group, and n represents an integer of 1 to 3;

preparing a solution that includes a boron compound and a mordant;

applying the coating liquid onto a surface of a support by using a coater;

applying the solution onto a coating layer formed by the coating liquid at a time after commencement of the step of applying the coating solution but before a falling-drying-rate period of drying of the coating layer; and

curing the coating layer.

2. A method for forming a colorant-receiving layer of an inkjet recording sheet, the method comprising the steps of:

preparing a solution that includes a polyvinyl alcohol, a boron compound, and at least one of a compound represented by the following general formula (1) and a compound represented by the following general formula (2):



in which formulae (1) and (2), R represents a saturated hydrocarbon group having from 1 to 12 carbon atoms, an unsaturated hydrocarbon group having from 1 to 12 carbon atoms, a phenyl group, or an acyl group, and n represents an integer of 1 to 3;

preparing an aqueous dispersion that includes a vapor-phase-process silica and a dispersant;

adding the solution to the aqueous dispersion and re-dispersing the same for forming a coating liquid;

applying the coating liquid onto a surface of a support by using a coater;

preparing another solution that includes the boron compound and a mordant;

applying the another solution onto a coating layer formed by the coating liquid at a time after commencement of the step of applying the coating solution but before a falling-drying-rate period of drying of the coating layer; and

curing the coating layer.